

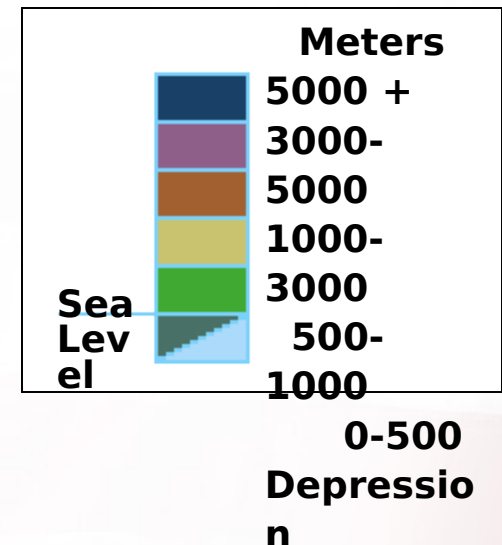
# Burkina Faso



# Burkina Faso: Environmental Issues

- Topography
- Climate

Climate tropical; warm, dry winters; hot, wet summers



Terrain: Mostly flat to dissected, undulating plains; hills in west and southeast

*lowest point:* Mouhoun (Black Volta) River  
200 m

*highest point:* Tena Kourou 749 m

# Burkina Faso: Environmental Issues

- Air :
  - Low risk
  - Localized air contamination may occur near specific industrial facilities or urban areas.
  - sulfur dioxide, particulates, nitrogen oxides, and lead
- Soil:
  - Localized to specific areas surrounding industrial facilities and waste disposal sites.
  - 74 tons of obsolete pesticides stockpiled and may contribute to contamination
  - Significant exposure to contaminants in soil is unlikely in the absence of wind-blown dust, active digging, or migration of contaminants from soil into ground water.
  - Usually presents a low risk to human health.

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# **Burkina Faso: Environmental Issues**

- **Food:**

- Food may be contaminated with industrial particulates, chemicals from soil, pesticides, fertilizers, and fecal pathogens

- **Water:**

- Contaminated water supplies with raw sewage or fecal pathogens widespread
- Nitrates

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# **Burkina Faso: Environmental Issues**

- Greatest short-term environmental health risks
  - Water contaminated with raw sewage
  - Runoff containing fecal pathogens
  - Extreme heat



# Burkina Faso: Diseases of Operational Importance

- **Highest risk** country
- Diseases of greatest risk
  - Food and Waterborne Diseases: Bacterial diarrhea, Hepatitis A, protozoal diarrhea and Typhoid/paratyphoid fever
  - Vector-borne Diseases: Malaria
  - Sexually Transmitted Diseases: HIV/AIDS, Hepatitis B
  - Respiratory Diseases: Meningococcal meningitis
  - Water-contact Diseases: Schistosomiasis

# Burkina Faso: Diseases of Operational Importance

- Diseases of potential risk
  - Food and waterborne Diseases: Brucellosis, Cholera, Hepatitis E
  - Vector-borne Diseases: Boutonneuse fever (Mediterranean spotted fever), Chikungunya, Crimean-Congo hemorrhagic fever, Dengue fever, Leishmaniasis, Rift Valley fever, Sindbis (Ockelbo) virus, Gambiense trypanosomiasis (African), Murine typhus (flea-borne), West Nile fever and yellow fever.
  - Sexually Transmitted Diseases: Gonorrhea and Chlamydia.
  - Respiratory Diseases: Tuberculosis
  - Water-contact Diseases: Leptospirosis
  - Soil-contact: Lassa Fever
  - Animal-contact: Anthrax, Q-Fever and Rabies